



Institute of Food Biotechnology and Genomics NAS of Ukraine  
All-Ukrainian Association of Plant Biologists



## V Conference for Young Scientists

### “PLANT BIOLOGY AND BIOTECHNOLOGY”

dedicated to the Science Days

15-16 May 2025, Kyiv, Ukraine



**Dear colleagues!**

We are pleased to invite researchers, students, PhD students, postgraduate students to participate in the **V Conference for Young Scientists «Plant Biology and Biotechnology»** dedicated to the **Science Days** that will be held online on **May 15–16, 2025**, at the Institute of Food Biotechnology and Genomics NAS of Ukraine (Kyiv, Ukraine)

#### Sections:

1. Molecular and Cell Biology
2. Structural and Functional Genomics
3. Plant Biotechnology and Nanobiotechnology
4. Plant Resources for Biofuel
5. Microbiological Biotechnology

#### Organizing Committee of the conference

**Chairman:** Full Member of Natl. Acad. Sci. of Ukr., Prof. Dr. Blume Ya. B.

**Co-Chairman:** Rabokon A. M. (PhD)

**Vice Chairman:** Buziashvili A. Yu (PhD)

**Members:** Corresp. Memb. of Natl. Acad. Sci. of Ukr. Prof. Dr. Yemets A.I., Isaenkov S.V. (Dr. Sci), Karpov P.A. (Dr. Sci.), Kozub N.O. (Dr. Sci), Kravets O.A. (Dr. Sci), Pirko Ya.V. (Dr. Sci), Hablak S.G. (Dr. Sci), Tsygankov S.P. (Dr. Sci), Shulga S.M. (Dr.Sci), Chugunkova T.V. (Dr. Sci), Borova M.M. (PhD), Korkhoviyy V.I. (PhD), Krupodiorova T.A. (PhD), Novozhylov D.O. (PhD), Ozheredov S.P. (PhD), Pastukhova N.L. (PhD), Spivak S.I. (PhD), Tigunova O.O. (PhD), Blume R.Ya., Kustovskiy Ye.O., Sakharova V.G.

**Secretary of the organizing committee:** Buziashvili A.Yu. (PhD), Sakharova V.G., Kustovskiy Ye.O.

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**For participation in the conference**, you should send the filled registration form and abstracts named after the surname of the first author (Kovalenko\_RF.doc, Kovalenko\_Tezy.doc) to the Organizing Committee E-mail ([plantbiotech2024@ukr.net](mailto:plantbiotech2024@ukr.net)) **before May 1, 2025**.

**Form of the participation:** 1) oral presentations online and publication of abstracts, 2) publication of abstracts

**Working languages of the conference:** Ukrainian and English

**Languages of the abstracts:** Ukrainian and English

**Electronic book of abstracts** will be posted on the website of IFBG NAS of Ukraine <http://ifbg.org.ua/uk>

Participation in the conference and publication of abstracts are **free**

The schedule of oral presentations and the link to the conference will be sent to participants in the **Second Informational Letter**

**Guidelines for abstract preparation** Abstracts should not exceed one page (including the list of references), and should be prepared in Microsoft Word (doc) format in either Ukrainian or English, using A4 paper size, with 2 cm margins on all sides. The font should be Times New Roman, 12 pt, single spacing, alignment in width, paragraph 1.25 cm, without hyphens, tables, and figures. The list of references should be arranged alphabetically, with citations in the text enclosed in round brackets (Kovalenko et al., 2021). The text of the abstract should start with the section number and title, skip a line, then the title of the abstract, skip a line, the surname and initials of the authors, the affiliation or the place of study of the first author, city, country, e-mail of the first author, skip a line, the abstract text, skip a line, and the list of references. The list of references should be formatted in Vancouver style.

**The example of abstract formatting**

### **3. Plant Biotechnology and Nanobiotechnology**

#### ***AGROBACTERIUM*-MEDIATED TRANSFORMATION OF TOMATO CV. LAHIDNY FOR ENHANCING ITS RESISTANCE TO PHYTOPATHOGENS**

**Buziashvili A.Yu., Yemets A.I.**

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Tomato (*Lycopersicon esculentum* Mill.) is one of the most important vegetable crops in the world. In Ukraine, tomato is the leading vegetable culture in terms of the yield volume. One of the leaders by productivity is the early-ripening Ukrainian cultivar Lahidny (Sablika et al., 2009).....

#### **Literature:**

1. Agrios GN. Plant Pathology. 5th ed. San Diego: Elsevier Academic Press; 2005.
2. Akhtar KP, Saleem MY, Iqbal Q, Asghar M, Hameed A, Sarwar N. Evaluation of tomato genotypes for late blight resistance using low tunnel assay. J. Plant Pathol. 2016;98(3):421-428.

**LOOKING FORWARD TO MEETING YOU AT THE CONFERENCE!**